

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|--|------------------|---------|------------------|
| L17 | 185 | (optics\$4 near detect\$3) and (software near updat\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/03 17:46 |
| L18 | 47 | L17 and broadcast\$3 and video | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/03 17:46 |
| S1 | 1 | "6,313,887".pn. | US-PGPUB; USPAT | OR | ON | 2007/04/14 10:28 |
| S2 | 1 | "6,094,228".pn. | US-PGPUB; USPAT | OR | ON | 2006/09/17 15:48 |
| S3 | 1 | WO-200103434-\$ DID. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/05 13:30 |
| S4 | 30 | ("3493674" "3728480" "3737566" "3777410" "3842196" "3900887" "3984624" "3993861" "4186413" "4206557" "4218697" "4329684" "4368486" "4599644" "4608601" "4729563" "4807031" "4969041" "5200822" "5243423" "5327237" "5387941" "5404160" "5557333" "5557334" "5559559" "5663766" "5666168" "5767896").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/13 09:18 |
| S5 | 1 | S4 and (optical\$2 near detect\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/01/28 09:13 |
| S6 | 14 | natnael\$ and (still adj picture) | US-PGPUB; USPAT | OR | ON | 2006/09/13 14:32 |
| S7 | 85617 | (optical\$2 near detect\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/17 15:20 |

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| S8 | 4241 | S7 and encod\$ and decod\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/17 15:20 |
| S9 | 1015 | S8 and (error adj correction) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/17 15:21 |
| S10 | 0 | S9 and 348/743.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/17 15:21 |
| S11 | 4 | S9 and 348/473.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/17 15:21 |
| S12 | 1 | "4807031".pn. | US-PGPUB; USPAT | OR | ON | 2006/09/17 15:48 |
| S13 | 241 | ("4807031").URPN. | USPAT | OR | ON | 2006/09/17 15:48 |
| S14 | 139 | (encod\$3 near2 (optical adj detect\$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/14 10:30 |
| S15 | 530 | invisibl\$3 near2 (blending or insert\$3 or combin\$3 or add\$3 or sum\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/14 10:31 |

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|-----|-------|--|--|----|-----|------------------|
| S16 | 33108 | visible adj (portion or region or area) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/14 10:31 |
| S17 | 1 | S14 and S15 and S16 and video | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/14 15:33 |
| S18 | 8 | (("6094228") or ("6535253") or ("4696041") or ("4608601") or ("6211919") or ("6351289") or ("4807031") or ("6661905")).PN. | US-PGPUB; USPAT | OR | OFF | 2007/04/14 15:34 |
| S19 | 8 | ("6661905").URPN. | USPAT | OR | ON | 2007/04/14 18:10 |
| S20 | 4 | S19 and optical | USPAT | OR | ON | 2007/04/14 15:45 |
| S21 | 19 | ("20020112250" "20020183102" "20040117856" "20040210814" "20050015815" "3993861" "4654700" "4807031" "5010499" "5057915" "5325127" "5594493" "6072521" "6094228" "6118490" "6229572" "6415438" "6593972" "6661905").PN. OR ("7075583").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/14 16:02 |
| S22 | 4 | S19 and optical | USPAT | OR | ON | 2007/04/14 18:11 |
| S23 | 0 | S22 and invisib | USPAT | OR | ON | 2007/04/14 18:11 |
| S24 | 3 | S22 and invisib\$5 | USPAT | OR | ON | 2007/04/14 18:11 |
| S25 | 145 | encod\$3 near2 ((visible or visual) adj (image or picture or video)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/16 12:44 |
| S26 | 5 | S25 and (optical adj detect\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/16 12:45 |

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| S27 | 5 | S26 and barcode | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/16 12:45 |
| S28 | 5 | (US-20040227854-\$).did. or (US-7075583-\$ or US-7162146-\$ or US-7167209-\$ or US-7116374-\$).did. | US-PGPUB; USPAT | OR | ON | 2007/11/29 20:54 |
| S29 | 0 | S28 and barcode | US-PGPUB; USPAT | OR | ON | 2007/11/29 20:54 |
| S30 | 0 | S28 and "bar code" | US-PGPUB; USPAT | OR | ON | 2007/11/29 20:54 |
| S31 | 145 | encod\$3 near2 ((visible or visual) adj (image or picture or video)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 20:54 |
| S32 | 5 | S31 and (optical adj detect\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/25 09:48 |
| S33 | 5 | S32 and barcode | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 20:54 |
| S34 | 145 | encod\$3 near2 ((visible or visual) adj (image or picture or video)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 21:15 |
| S35 | 5 | S34 and (optical adj detect\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 21:15 |

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| S36 | 5 | S35 and barcode | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 21:08 |
| S37 | 14 | encod\$3 near2 ((visible or visual) adj (picture or video)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 21:15 |
| S38 | 14 | S37 not S36 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 21:15 |
| S39 | 0 | S38 and (optical adj detect\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 21:15 |
| S40 | 0 | S38 and (optical near detect\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 21:16 |
| S41 | 0 | S38 and (optic\$3 near detect\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 21:16 |
| S42 | 6 | S38 and optic\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 21:16 |

EAST Search History

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| S43 | 5 | S42 and detect\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 21:16 |
| S44 | 145 | encod\$3 near2 ((visible or visual) adj (image or picture or video)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/30 09:16 |
| S45 | 5 | S44 and (optical adj detect\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/30 10:09 |
| S46 | 5 | S45 and barcode | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/30 09:16 |
| S47 | 14 | encod\$3 near2 ((visible or visual) adj (picture or video)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/30 09:26 |
| S48 | 14 | S47 not S46 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/30 09:16 |
| S49 | 6 | S48 and optic\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/30 09:16 |

EAST Search History

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| S50 | 5 | S49 and detect\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/30 09:16 |
| S51 | 0 | encod\$3 near barcode near (video adj "scan line") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/30 09:27 |
| S52 | 0 | encod\$3 near barcode near (video near "scan line") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/30 09:27 |
| S53 | 5 | (encod\$3 or cod\$3 or embed\$\$) near2 barcode near2 video | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/30 09:33 |
| S54 | 25 | ("20020195586" "20030005303" "20030041774" "20050161515" "3569676" "4864618" "5153418" "5170044" "5298731" "5355001" "5357094" "5401960" "5563401" "5818032" "5929415" "6032861" "6070805" "6102289" "6296189" "6325420" "6390377" "6543691" "6948068" "6991164" "7025269"). PN. OR ("7229025").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/11/30 09:32 |
| S55 | 275312 | "25" and video | US-PGPUB; USPAT; USOCR | OR | ON | 2007/11/30 09:31 |
| S56 | 423848 | "11" and video | US-PGPUB; USPAT; USOCR | OR | ON | 2007/11/30 09:31 |
| S57 | 4 | S54 and video | US-PGPUB; USPAT; USOCR | OR | ON | 2007/11/30 09:33 |
| S58 | 4 | S54 and video | US-PGPUB; USPAT; USOCR | OR | ON | 2007/11/30 09:32 |

EAST Search History

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| S59 | 0 | S58 and (encod\$3 or cod\$3 or embed\$\$) near2 barcode near2 video | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/30 09:59 |
| S60 | 0 | S58 and (encod\$3 or cod\$3 or embed\$\$) same barcode same video | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/30 09:33 |
| S61 | 497 | (encod\$3 or cod\$3 or embed\$\$) same barcode same video | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/30 09:34 |
| S62 | 272 | S61 and @ay<"2004" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/30 09:35 |
| S63 | 0 | S58 and (encod\$3 or cod\$3 or embed\$\$) near2 optic\$3 near2 video | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/30 10:00 |
| S64 | 119 | (encod\$3 or cod\$3 or embed\$\$) near2 optic\$3 near2 video | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/30 10:00 |
| S65 | 25 | (encod\$3 or cod\$3 or embed\$\$) near optic\$3 near video | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/30 10:01 |

EAST Search History

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| S66 | 0 | (encod\$3 or cod\$3 or embed\$\$) near optic\$3 near video near "scan line" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/30 10:02 |
| S67 | 0 | (encod\$3 or cod\$3 or embed\$3) near optic\$3 near video near 'scan line' | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/30 10:02 |
| S68 | 0 | (encod\$3 or cod\$3 or embed\$4) near optic\$3 near video near "scan line" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/30 10:02 |
| S69 | 25 | (encod\$3 or cod\$3 or embed\$4) near optic\$3 near video | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/30 10:03 |
| S70 | 6 | S69 and "scan line" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/30 10:03 |
| S71 | 1 | S44 same (optical adj detect\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/30 10:08 |
| S72 | 10 | (US-20050264694-\$ or US-20040227854-\$ or US-20060111967-\$ or US-20050041120-\$ or US-20040264564-\$).did. or (US-5255087-\$ or US-7075583-\$ or US-7162146-\$ or US-7167209-\$ or US-7116374-\$).did. | US-PGPUB; USPAT | OR | ON | 2007/11/30 10:19 |

EAST Search History

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|-----|--------|--|--|----|-----|------------------|
| S73 | 8 | S72 and optic\$2 | US-PGPUB; USPAT | OR | ON | 2007/11/30 10:19 |
| S74 | 2 | (("6546112") or ("6343138")).PN. | US-PGPUB; USPAT | OR | OFF | 2008/01/25 09:20 |
| S75 | 911 | (optical near detect\$3) same (encod\$3 or cod\$3) same (barcode or "barcode") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/25 09:49 |
| S76 | 0 | S75 same (video adj2 (scan adj line)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/25 09:49 |
| S77 | 0 | S75 same (video near (scan adj line)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/25 09:50 |
| S78 | 1 | S75 and (video near (scan adj line)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/25 09:50 |
| S79 | 95 | ("4044227" "4603390" "4652733" "4728784" "4889490").PN. OR ("4958064").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/01/28 09:12 |
| S80 | 8 | S79 and (optical\$2 near detect\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/01/28 09:13 |
| S81 | 0 | S80 and (software near updat\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/01/28 09:13 |
| S82 | 11396 | (software near updat\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/01/28 09:19 |
| S83 | 103207 | S82 sa,e (optical\$2 near detect\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/01/28 09:14 |

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| S84 | 6 | S82 same (optical\$2 near detect\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/01/28 09:14 |
| S85 | 0 | (video adj "scan line") same (software near updat\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/01/28 09:20 |
| S86 | 0 | (video adj (scan\$4 adj line)) same (software near updat\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/01/28 09:21 |
| S87 | 1 | (scan\$4 adj line) same (software near updat\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/01/28 09:22 |
| S88 | 1 | (scan\$4 adj line) same ((program or software) near updat\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/01/28 09:22 |
| S89 | 6 | (optic\$4 near detect\$3) same ((program or software) near updat\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/01/28 09:24 |
| S90 | 249 | (optic\$4 near detect\$3) and ((program or software) near updat\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/01/28 09:36 |
| S91 | 58 | S90 and broadcast\$3 and video | US-PGPUB; USPAT; USOCR | OR | ON | 2008/01/28 09:36 |
| S92 | 47 | S91 and decod\$3 and (encod\$3 or cod\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/01/28 09:25 |
| S93 | 47 | S92 and detect\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/01/28 09:25 |
| S94 | 47 | S93 and optic\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/01/28 09:26 |
| S95 | 17 | S94 and @ay<"2003" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/01/28 09:27 |
| S96 | 181 | (optic\$4 near detect\$3) and (software near updat\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/28 09:36 |

EAST Search History

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| S97 | 46 | S96 and broadcast\$3 and video | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/28 09:37 |
| S98 | 46 | S97 and detect\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/28 09:37 |
| S99 | 47 | S94 and optic\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/28 09:38 |
| S100 | 30 | S98 and optics | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/28 09:38 |
| S101 | 46 | S98 and optic\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/28 09:38 |